

ABSTRACT OF THE DISCLOSURE

A method of determining a relative speed between two separately driven members in an image forming apparatus, includes the steps of: transporting a print medium using a print media transport assembly including an exit nip, the print media transport assembly operable at a first transport speed; driving a rotatable member
5 associated with an entrance nip using an electric motor at a second transport speed which is independent from the first transport speed; transferring the print medium from the exit nip to the entrance nip; detecting an electrical characteristic of the motor when the print medium is present in each of the exit nip and the entrance nip; and
10 determining a relative speed between the first transport speed and the second transport speed.